

10/531242

1620 Rec'd PCT/PTO 14 APR 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

VENKITARAMAN et al.

Atty. Ref.: 620-363

Serial No. unknown

TC/A.U.: unknown

Filed: April 14, 2005

Examiner: Unknown

For: RAD51-BRC REPEAT CRYSTALS

* * * * *

April 14, 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO-1449. Copies of the International Search Report and cited documents are attached.

This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

Respectfully submitted,

NIXON & VANDERHYTE P.C.

By: _____



B. J. Sadoff
Reg. No. 36,663

BJS:alb
1100 North Glebe Road, 8th Floor
Arlington, VA 22201-4714
Telephone: (703) 816-4000
Facsimile: (703) 816-4100

~~JC20 Rec'd PCT/PTO 14 APR 2005~~

Unknown

VENKITARAMAN et al.

FILING DATE

TC/A.U.

April 14, 2005

unknown

[illegible][illegible]

| | |
|--|--|
| | International Search Report of PCT/GB03/04485 mailed May 27, 2004 |
| | A. WONG et al., "RAD51 Interacts With the Evolutionarily Conserved BRC Motifs in the Human Breast Cancer Susceptibility Gene <i>brca2</i> ", Journal of Biological Chemistry, Vol. 272, No. 51, 19 December 1997, Pgs. 31941-31944 |
| | H. AIHARA et al., "The N-terminal Domain of the Human Rad51 Protein Binds DNA: Structure and a DNA Binding Surface as Revealed by NMR", Journal of Molecular Biology, Vol. 290, No. 2, 9 July 1999, Pgs. 495-504 |
| | R. STORY et al., "The Structure of the <i>E. Coli recA</i> protein monomer and polymer", Nature, Macmillan Journals Ltd., Vol. 355, No. 6358, 23 January 1992, Pgs. 318-325 |
| | S. YANG et al., "Comparison of Bacteriophage T4 UvsX and Human Rad51 Filaments Suggests that RecA-like Polymers May Have Evolved Independently", Journal of Molecular Biology, Vol. 312, No. 5, 5 October 2001, Pgs. 999-1009 |
| | L. KREJCI et al., "Molecular Dissection of Interactions between Rad51 and Members of the Recombination-Repair Group", Molecular and Cellular Biology, Vol. 21, No. 3, February 2001, Pgs. 966-976 |
| | H. YANG et al., "BRCA2 Function in DNA Binding and Recombination from a BRCA2-DSS1-ssDNA Structure", Science, Vol. 297, No. 5588, 13 September 2002, Pgs. 1837-1848 |
| | Ashok R. VENKITARAMAN, "Cancer Susceptibility and the Functions of BRCA1 and BRCA2", Cell, Vol. 108, No. 2, 25 January 2002, Pgs. 171-182 |
| | L. PELLEGRINI, "Insights into DNA recombination from the structure of a RAD51-BRCA2 complex", Nature, Macmillan Journals Ltd., Vol. 420, No. 6913, 21 November 2002, Pgs. 287-293 |
| | |

Date Considered

945576